

# THE BELL SYSTEM

## *Technical Journal*

DEVOTED TO THE SCIENTIFIC AND ENGINEERING  
ASPECTS OF ELECTRICAL COMMUNICATION

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## INDEX

VOLUME XXXV

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*LIST OF ISSUES IN VOLUME XXXV*

No. 1	January.....	Pages	1-248
" 2	March .....		249-534
" 3	May .....		535-766
" 4	July .....		767-990
" 5	September .....		991-1238
" 6	November .....	i-iv, 1239-1466	

## Index to Volume XXXV

### A

AM *See* Amplitude Modulation  
 Adam, Armand O.  
     biographical material 531  
     *Crossbar Tandem as a Long Distance Switching System* 91-108  
 Adda, L. P.  
     zone leveler  
         development 660  
 ADMINISTRATION EQUIPMENT  
     translator  
         magnetic drum 741-44; *illus* 740  
         block diagram 742  
 ADMITTANCE  
     nonlinear  
         frequency  
             conversion 1403-16  
 AKRON, OHIO  
     toll traffic *graph* 429  
 ALBANY, NEW YORK  
     toll traffic *graphs* 427-28  
 ALGEBRA *See* Boolean Algebra  
 ALLOY  
     silicon  
         diode  
             announcement 661  
 ALLOY JUNCTION TRANSISTOR *See* Transistor: junction  
 ALPHABET  
     signaling  
         binary  
             group 203-34  
                 best 212-15  
                 defined 207  
                 properties 204-19  
                 special features 203  
 ALTERNATE ROUTING *See* Routing  
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY  
     functions, primary 422-23  
     operating companies, *see* Operating Companies

AMPLIFIER  
     feedback, negative, design 296-308  
     pulse  
         regenerative  
             described 1085  
             transistorized 1085-1114  
             reliability 1085-86  
     signal  
         binary  
             transistorized 1059-84  
     summing 308-13  
     transistor  
         junction  
             tetrode  
                 design 813-40  
     traveling wave *See* Electron Tube  
 AMPLITUDE MODULATION  
     electron tube  
         traveling wave  
             M1789 1321-22  
 ANALOG SYSTEMS  
     transistor  
         junction  
             applications 295-332  
 Anderson, H. W.  
     antenna  
         parabolic  
             design 1208  
     rectifier  
         wave  
             millimeter  
                 wafer-type 1397  
 Angle, R.  
     electron tube  
         traveling wave  
             M1789 1343  
 ANTENNA  
     microwave  
         testing  
             pulses, millimicrosecond 45-48  
     parabolic  
         60-foot diameter 1199-1208; *illus*

## ANTENNA, continued

- pulse
- millimicrosecond 45-48

## APPARATUS

- reliability studies
- experiment time
- reduction, by statistical techniques 179-202

## AQUEOUS SOLUTIONS

- semiconductors, analogy 537

ATLANTIC TELEPHONE CABLE *See* Transatlantic Telephone Cable

## ATTENUATION

- atmospheric
- wavelengths
- millimeter
- measurement
- radar 907-16

## slope

- unit, semi-infinite
- phase, tables 747-49

## wave

- circular
- pipes
- medium-sized
- 5-6 mm 1115-28
- small
- 5-6 mm 1115-28

## waveguide

- helix 1358

## ATTENUATOR

- coupled helix 165-67

*Automatic Machine for Testing Capacitors and Resistance-Capacitance Networks* (C. C. Cole, H. R. Shillington) 1179-98*Automatic Manufacturing Testing of Relay Switching Circuits* (L. D. Hansen) 1155-75*Automatic Testing in Telephone Manufacture* (D. T. Robb) 1129-54*Automatic Testing of Transmission and Operational Functions of Intertoll Trunks* (H. H. Felder, A. J. Pascarella, H. F. Shoffstall) 927-54

## B

## Babcock, Wallace C.

- biographical material 531
- Crosstalk on Open-Wire Lines* 515-18

Bardeen, John *illus* ii

- biographical material iii-iv
- Nobel Prize in Physics, 1956 i-iv

## BASE

- diffused
- high-frequency
- transistor
- junction
- p-n-p
- germanium 23-34

BEAM *See* Electron Beam

## Beaton, Daniel

- antenna
- parabolic
- design 1208

## Beck, A. C.

- biographical material 244
- Waveguide Investigations with Millimicrosecond Pulses* 35-65

## Bell, J. W.

- wave
- electric
- circular
- attenuation 1128

BELL LABORATORIES TYPE M1789 TUBE *See* Electron Tube: traveling wave

## BELL SYSTEM

- intertoll trunks 423
- outside plant, *see* Outside Plant Department

## BELL SYSTEM TECHNICAL JOURNAL

- advisory board, *see* inside front cover
- editorial committee, *see* inside front cover

editorial staff, *see* inside front cover

## BELL TELEPHONE LABORATORIES

- Nobel Prizes in Physics i-iv

## Bennett, A. L.

- testing
- automatic 1154

## Bennett, Donald C.

- biographical material 762
- Single Crystals of Exceptional Perfection and Uniformity by Zone Leveling* 637-60

## Bennett, W. R.

- amplifier
- transistor
- junction
- tetrode 840

- regenerator
    - pulse<sup>2</sup>
      - binary transistor 1084
  - Bergwall, F. W.
    - zone leveler
      - development 660
  - BIFILAR HELIX *See* Helix: coupled
  - BINARY MICROWAVE PULSE *See* Pulse
  - BINARY PULSE TRANSMISSION *See* Transmission
  - BINARY SIGNALING ALPHABET *See* Alphabet
  - Blecher, Franklin H.
    - biographical material 531
    - Transistor Circuits for Analog and Digital Systems* 295-332
  - BLOOMSBURG, PENNSYLVANIA
    - automatic alternate routing schematic 440
  - Bodmer, M. G.
    - electron tube
      - traveling wave M1789 1343
  - Bond, W. L.
    - biographical material 1233
    - Use of an Interference Microscope for Measurement of Extremely Thin Surface Layers* 1209-21
  - BOOLEAN ALGEBRA
    - circuits
      - switching
        - design 1417
    - invariance
      - group
        - detection 1445-53
    - symmetry
      - total
        - detection 1445-53
  - Bosworth, R. H.
    - amplifier
      - transistor
        - junction
          - tetrode 840
  - Brannen, Miss M. J.
    - isolator
      - field displacement 896
  - Brattain, Walter H. *illus* ii
    - biographical material ii-iii, 1233
  - Combined Measurements of Field Effect, Surface Photo-Voltage and Photo-Conductivity* 1019-40
  - Distribution and Cross-Sections of Fast States on Germanium Surfaces* 1041-58
  - Nobel Prize in Physics, 1956 i-iv
  - transistor
    - point-contact
      - experiments 770
  - BREAKDOWN VOLTAGE *See* Voltage
  - Brooks, C. E.
    - concentrator
      - line, remote controlled
        - development 293
  - BUFFALO, NEW YORK
    - toll traffic *graphs* 427-28
  - Buhrendorf, F. G.
    - biographical material 762
    - Laboratory Model Magnetic Drum Translator for Toll Switching Offices* 707-4
  - Burke, P. J.
    - toll traffic study 506
- C**
- CABLE
    - coaxial
      - equalization
        - phase, tables
          - tabulation 747-49
    - transatlantic *See* Transatlantic Telephone Cable
  - CAPACITOR
    - nonlinear
      - frequency
        - conversion 1409-11
    - testing
      - machine
        - automatic 1179-98
  - CARD-O-MATIC TEST SET *See* Test Set
  - CARD TRANSLATOR *See* Translator
  - Carthage, N.
    - transistor
      - point-contact
        - surface effects 810
  - CENTER *See* Wire Center



## CENTRAL OFFICE

concentrator

line

remote controlled

circuits 274-86

defined 250

Chapman, A. G.

transposition theory 515

*Chemical Interactions among Defects in**Germanium and Silicon* (C. S. Fuller,  
F. J. Morin, H. Reiss) 535-636

Cioffi, P. P.

electron tube

traveling wave

M1789 1343

## CIRCUIT

concentrator

line

remote controlled 261-70

switching

design

Boolean algebra 1417

relay

testing

automatic 1155-78

transistor

junction

analog systems 295-332

digital systems 295-332

translator

magnetic drum 725-41

CIRCULAR WAVE *See* Wave*Class of Binary Signaling Alphabets* (D.

Slepian) 203-34

Clausen, C. P.

antenna

parabolic

design 1208

Clos, C.

toll traffic study 431, 470

COAXIAL CABLE *See* Cable

## COIL

relay

U-Type

testing

automatic 1141-48

UA-type

testing

automatic 1141-48

Y-type

testing

automatic 1141-48

Cole, C. C.

*Automatic Machine for Testing Capacitors and Resistance-Capacitance Networks* 1179-98

biographical material 1233

## COLLECTOR

electron tube

traveling wave

M1789 1311-13

*Combined Measurements of Field Effect,**Surface Photo-Voltage and Photo-Conductivity* (W. H. Brattain, C. G.

B. Garrett) 1019-40

## COMPARATOR

voltage 320-27

COMPLEX ION *See* Ion

## COMPONENT(S)

reliability studies

experiment time

reduction, by statistical techniques 179-202

COMPUTER *See* Analog Systems: Digital Systems

## CONCENTRATOR

line

remote controlled

experimental 249-93

*illus* 277, 287, 289

circuits 261-70

central office 274-86

economy 249-93

field trials 286-93

operation 270-74

power supply 269-70

relay

reed switch 252-53

traffic loading 249-93

## CONDUCTIVITY

modulation

rectifier

series resistance 666-70

*See also* Photoconductivity

## CONTACT

transistor

point-contact

formed 770-83

unformed 783-96

- CONVERSION  
 frequency  
 admittance  
 nonlinear 1403-16
- COOK, J. S.  
 biographical material 244  
*Coupled Helices* 127-78
- COONCE, H. E.  
 amplifier  
 pulse  
 regenerative  
 transistor 1114
- COPPER  
 plating  
 transistor  
 point-contact  
 surface 776-81
- COPPER OXIDE RECTIFIER *See* Rectifier
- COST  
 concentrator, line 249-93  
 drums, magnetic 707  
 outside plant 249-93  
 switching 249-93  
*See also* Economy
- Coupled Helices* (J. S. Cook, R. Kompfner, C. F. Quate) 127-78
- COUPLED HELIX *See* Helix
- COUPLED HELIX ATTENUATOR *See* Attenuator
- COUPLED HELIX TRANSDUCER *See* Transducer
- COUPLER  
 stepped  
 helices, coupled 158-59  
 tapered  
 helices, coupled 157-58
- Crawford, Arthur B.  
 biographical material 985, 1234  
*Measurement of Atmospheric Attenuation at Millimeter Wavelengths* 907-16
- rectifier  
 wave  
 millimeter  
 wafer-type 1397  
*60-Foot Diameter Parabolic Antenna for Propagation Studies* 1199-1208
- CROSSBAR SYSTEMS  
 4-type  
 development 423  
 5-type  
 concentrator  
 line  
 remote 251-93  
 switching plan 257-61
- tandem  
 switching system, long distance  
 major toll switching features 91  
*See also* Switching Systems  
*Crossbar Tandem as a Long Distance Switching System* (A. O. Adam) 91-108
- CROSSTALK  
 coupling  
 types 515  
 measurement 516  
*Crosstalk on Open-Wire Lines* (W. C. Babcock, Miss E. Rentrop, C. S. Thaeler) 515-18
- CRYSTAL  
 defects  
 interaction 535-636  
 diffusion *See* Diffusion  
 germanium  
 acceptor content  
 zone leveling 638-60  
 defects  
 interactions, chemical 535-636  
 donor content  
 zone-leveling 638-60  
 etched  
 field effect 1019-40  
 measurements  
 combined 1019-40  
 photoconductivity 1019-40  
 photo-voltage  
 surface 1019-40  
 semiconductor applications  
 requirements 641-55  
 shaping  
 electrolytic 333-47  
 surface  
 fast states  
 cross-sections 1041-58  
 distribution 1041-58  
 transistor forming, relation 796-808  
 testing 642-43  
 lattice, *see* Lattice

## CRYSTAL, continued

- silicon
  - defects
    - interactions, chemical 535-636
  - diffusion 664-66
  - rectifiers 661-84
  - diode, *see* Diode
  - shaping
    - electrolytic 333-47
  - shaping
    - electrolytic 333-47

## CUSTOMER DIRECT DISTANCE DIALING

*See* Dial Telephone: nationwide

## Cutler, C. Chapin

- biographical material 985
- electron beam formation, theory 375
- generator, pulse, regenerative, development 36
- Nature of Power Saturation in Traveling Wave Tubes* 841-76

## D

## Danielson, W. E.

- biographical material 531
- Detailed Analysis of Beam Formation with Electron Guns of the Pierce Type* 375-420

DATA SYSTEM *See* Digital Systems

## Davisson, Clinton J.

- biographical material iii
- Nobel Prize in Physics, 1937 i, iii

## DEFECT

- crystal
  - interaction 535-636

## DeLange, O. E.

- biographical material 244
- Experiments on the Regeneration of Binary Microwave Pulses* 67-90

## DELAY

- distortion
  - phase
    - tables
      - tabulation 747-49

DELAY DISTORTION REPEATER *See* Repeater

## DESIGN

- amplifier
  - transistor
    - junction
      - tetrode 813-40

## circuit

- switching
  - Boolean algebra 1417

## electron gun

- Pierce-type 378-79, 399, 402-13, 418-20

## electron tube

- traveling wave 867-68
- M1789 1289-91

## isolator

- field displacement 884-91

## relays 991

## switching systems

- electronics in 991-1018

## transistor

## junction

## n-p-n

- base, diffused 14-21
- emitter, diffused 14-21

## point-contact 769

*Design of Tetrode Transistor Amplifier* (J. G. Linvill, L. G. Schimpf) 813-40

*Detailed Analysis of Beam Formation with Electron Guns of the Pierce Type* (W. E. Danielson, J. L. Rosenfeld, J. A. Saloom) 375-420

*Detection of Group Invariance or Total Symmetry of a Boolean Function* (E. J. McCluskey, Jr.) 1445-53

## DeVido, R. W.

- electron tube
  - traveling wave
    - M1789 1343

## DIAL TELEPHONE, DIALING

- crosstalk, *see* Crosstalk
- direct distance 955-72
  - crossbar tandem systems 107-08
- lines, *see* Transmission Lines
- nationwide
  - aspects, general 93-94
  - crossbar tandem switching system
    - 91-108
- customer direct
  - crossbar tandem systems 107-08
- expansion 423
- routing, *see* Routing
- service requirements 436-37
- translator
  - card 716-19



- magnetic drum 707-45
- trunks
  - intertoll
  - testing, automatic 927-54
- operator distance 955-72
- United States statistics 423
- testing, automatic 1129-54
- traffic, *see* Traffic
- transmission lines, *see* Transmission Lines
- Dickten, E.
  - amplifier
    - transistor
    - junction
    - tetrode 840
- DIELECTRICS
  - helices, coupled, between 148-50
- Dietzold, R. L.
  - phase, tables
    - computation 749
- Diffused Emitter and Base Silicon Transistors* (M. Tannenbaum, D. E. Thomas) 1-22
- DIFFUSED JUNCTION SILICON DIODE *See* Diode
- Diffused p-n Junction Silicon Rectifiers* (M. B. Prince) 661-84
- DIFFUSION
  - crystal
    - silicon 664-66
    - rectifiers 661-85
- DIGITAL SYSTEMS
  - drums, magnetic 707-45
  - transistor
    - junction
      - applications 295-332
- DIGITAL TRANSMISSION *See* Transmission
- DIODE
  - junction
    - germanium
      - large area
        - announcement 661
        - temperature 661
    - silicon
      - diffused
        - current-voltage characteristic
          - equations, basic 688-706
          - forward 685-706
      - silicon alloy
        - announcement 661
        - temperature 661
  - PIN *See* Diode: junction: silicon:
    - diffused
    - voltage
      - breakdown 685
- DIODE RECTIFIER *See* Rectifier
- DIRECT DISTANCE DIALING *See* Dial Telephone
- DISTORTION
  - delay
    - phase
      - tables
        - tabulation 747-49
- Distribution and Cross-Sections of Fast States on Germanium Surfaces* (W. H. Brattain, C. G. B. Garrett) 1041-58
- DOMINANT MODE WAVEGUIDE *See* Waveguide
- DRUM
  - magnetic *illus* 1007
    - access time 707
    - applications 707, 745
    - digital-data storage 707
    - features 709-16
    - geography 712
    - memory units 707
    - reading 713-16
    - speed 107
    - switching
      - toll
        - translator 707-45
    - writing 712-13

## E

## ECONOMY

- concentrator, line 249-93
- outside plant 249-93
- switching 249-93
- See also* Cost
- Edwards, C. F.
  - biographical material 1465
  - Frequency Conversion by Means of a Nonlinear Admittance* 1403-16
  - Effect of Surface Treatments on Point-Contact Transistors* (J. H. Forster, L. E. Miller) 767-811

- Elbert, E. F.  
 rectifier  
   wave  
     millimeter  
     wafer-type 1397
- ELECTRIC FIELD  
 helices, coupled 139-42, 144-46  
 junction  
   PIN  
     bias  
       reversed 1239-84
- ELECTROLYTIC ETCHING *See Etching*  
*Electrolytic Shaping of Germanium and Silicon* (A. Uhler, Jr.) 333-47
- ELECTRON(S) AND HOLES  
 chemical entities 537-46  
 interaction 537-57  
 junction  
   PIN  
     bias  
       reversed 1239-84
- ELECTRON BEAM  
 amplifier  
   traveling wave  
     coupling, finite, effects 349-74  
     space charge, effects 349-74  
     wave  
       backward 351-55  
       forward 351-55  
 electric field 859-63  
 electron tube  
   traveling wave  
     M1789 1298-1303  
 formation  
   electron gun  
     Pierce-type 375-420  
 size  
   electron tube  
     traveling wave 856-58  
 spent  
   electron tube  
     traveling wave 846-54  
 spreading 388-401  
 waves  
   growing, due to transverse velocities 109-25
- ELECTRON FLOW  
 waves  
   growing, due to transverse velocities 109-25
- ELECTRON GUN  
 electron tube  
   traveling wave  
     M1789 1298-1303; *illus* 1296-97  
 Pierce-type  
   anode lens 379-88  
   beam  
     current densities 413-16  
     formation 375-420  
     spreading 388-401  
   design 378-79, 399, 402-13, 418-20  
   development 377
- ELECTRON TUBE  
 gun, *see* Electron Gun  
 microwave  
   electron gun, *see* Electron Gun  
 traveling wave  
   M1789 1285-1346  
   *illus* 1286, 1292-93  
   AM to PM conversion 1321-22  
   collector 1311-13  
   description 1291-1313  
   design 1289-91  
   electron beam 1298-1303  
   electron gun 1298-1303; *illus* 1296-97  
   gain calculations 1343-44  
   helix 1303-11  
   intermodulation 1335-42  
   life expectancy 1342-43  
   noise 1328-35  
   performance 1313-42  
   relay systems  
     radio 1285-1346  
 amplifier  
   equations 355-59  
   non-linear behavior 349-74  
   signal, large, theory 349-74  
 applications 1285  
 circuit elements 129-30  
 design 867-68  
 dispersive  
   helices, coupled 159-61  
 efficiency 841  
 measurements 844-46  
 electron beam  
   spent 846-54  
 helices, coupled 127-78  
 operating characteristics  
   non-linear 841-76

power saturation 841-76  
 research 1285  
 space charge 854-56  
*See also Amplifier*  
*Electronics in Telephone Switching Systems* (A. E. Joel, Jr.) 991-1018  
 ELECTROPLATING  
   transistor  
     point contact  
     surface  
       copper 776-81  
 EMITTER  
   transistor  
     junction  
       n-p-n  
         diffused 1-22  
 ENCODER  
   voltage  
     transistor 327-29  
 EQUALIZATION  
   cable  
     coaxial  
       phase, tables  
       tabulation 747-49  
   delay distortion  
     pulses, millimicrosecond 54-57  
 EQUIPMENT  
   administration, *see* Administration  
   Equipment  
   reliability studies  
   experiment time  
     reduction, by statistical techniques 179-202  
 Erhart, D. L.  
   zone leveler  
     development 660  
 ETCHING  
   electrolytic  
   crystal  
     germanium 333-47  
     silicon 333-47  
 EXPERIMENT TIME  
   reliability studies  
   reduction  
     statistical methods 179-202  
*Experimental Remote Controlled Line Concentrator* (A. E. Joel, Jr.) 249-93  
*Experiments on the Regeneration of Binary Microwave Pulses* (O. E. DeLange) 67-90

## F

4-TYPE CROSSBAR SYSTEM *See* Crossbar Systems  
 4A TOIL SWITCHING SYSTEM *See* Switching Systems  
 5-TYPE CROSSBAR SYSTEMS *See* Crossbar Systems  
 56A OSCILLATOR *See* Oscillator  
 425B NETWORK *See* Network  
 FABRICATION  
   transistor  
   junction  
     n-p-n  
       silicon  
         base, diffused 2-6  
         emitter, diffused 2-6  
     p-n-p  
       germanium  
         base, diffused 23-24  
 FEEDBACK AMPLIFIER *See* Amplifier  
 Felder, Harry H.  
   *Automatic Testing of Transmission and Operational Functions of Intertoll Trunks* 927-54  
   biographical material 985  
   *Intertoll Trunk Net Loss Maintenance under Operator Distance and Direct Distance Dialing* 955-72  
 Feldman, C. B.  
   regenerator  
     pulse  
       binary  
         transistor 1084  
 Felker, J. H.  
   amplifier  
   pulse  
     regenerative  
       transistor 1114  
 FIELD *See* Electric Field  
*Field Displacement Isolator* (H. Siedel, S. Weisbaum) 877-98  
 FIELD EFFECT  
   germanium  
   etched  
     measurements  
       combined 1019-40

- Finch, T. R.  
 amplifier  
   pulse  
     regenerative  
       transistor 1114  
 transistor circuit research 329
- Fleming, C. C.  
 trunks  
   intertoll  
     testing  
       automatic 954
- FLOW OF ELECTRONS *See* Electron Flow
- Forster, J. H.  
 biographical material 985  
*Effect of Surface Treatments on Point-Contact Transistors* 767-811  
*Forward Characteristic of the PIN Diode* (D. A. Kleinman) 685-706
- Foster, F. G.  
 semiconductors  
   defects  
     chemical interactions 613
- Fox, A. G.  
 ferrite devices  
   nonreciprocal 877
- FREQUENCY  
 conversion  
   admittance  
     nonlinear  
       mathematical analysis 1403-16  
 helices, coupled  
   strength of coupling versus frequency 142-44  
 microwave  
   pulses, binary  
     regeneration 67-90  
*Frequency Conversion by Means of a Non-linear Admittance* (C. F. Edwards) 1403-16
- Friis, Harold T.  
 biographical material 1234  
 rectifier  
   wave  
     millimeter  
       wafer-type 1397  
*60-Foot Diameter Parabolic Antenna for Propagation Studies* 1199-1208
- Frisbee, S. E.  
 testing machines 1198
- Fuller, Calvin S.  
 biographical material 762  
*Chemical Interactions among Defects in Germanium and Silicon* 535-636
- FUNCTION  
 Boolean  
   minimization 1417-44  
   prime implicants 1419-40  
   sum, minimum 1418-19  
   writing  
     products, sum of 1417-44  
 transmission  
   Boolean  
     invariance  
       group  
         detection 1445-53  
   symmetry  
     total  
       detection 1445-53
- G
- Garrett, C. G. B.  
 biographical material 1234  
*Combined Measurements of Field Effect, Surface Photo-Voltage and Photo-Conductivity* 1019-40  
*Distribution and Cross-Sections of Fast States on Germanium Surfaces* 1041-58
- Gellatly, J. S.  
 electron tube  
   traveling wave  
     M1789 1343
- GENERATOR  
 pulse, regenerative  
   block diagram 37  
   development 36-38  
*See also* Regenerator
- GERMANIUM  
 crystal, *see* Crystal  
 defects  
   interactions, chemical 535-636  
 diode, *see* Diode  
 zone leveling 638-68  
   apparatus 655-60  
   technique 655-60  
 zone refining 637
- GERMANIUM P-N-P TRANSISTOR *See* Transistor: junction
- Germer, L. H.  
 electron diffusion studies i

- Gibney, R. B.  
semiconductor studies i
- Glass, M. S.  
electron tube  
traveling wave  
M1789 1343
- Glezer, L. L.  
trunks  
intertoll  
testing  
automatic 954
- Goeltz, Miss J. D.  
phase, tables  
tabulation 749
- Graham, R. E.  
information rate  
interpretation 926
- Grant, D. W.  
magnetron, construction 329
- Gray, Miss M. C.  
semiconductors  
defects  
chemical interactions 613
- Grossman, A. J.  
amplifier  
pulse  
regenerative  
transistor 1114
- GROUP ALPHABET *See* Alphabet
- Growing Waves due to Transverse Velocities* (J. R. Pierce, L. R. Walker) 109-25
- GUN *See* Electron Gun
- H**
- Hall, W. J.  
toll traffic study 506
- Hamming, R. W.  
phase, tables  
tabulation 749
- Hannay, N. B.  
semiconductors  
defects  
chemical interactions 613
- Hansen, L. D.  
*Automatic Manufacturing Testing of Relay Switching Circuits* 1155-78  
biographical material 1235
- Harris, J. R.  
amplifier  
pulse  
regenerative  
transistor 1114
- Harris, W. B.  
magnetron, construction 329
- Hayward, W. S.  
toll traffic study 506
- Heilos, L. J.  
electron tube  
traveling wave  
power saturation 867
- HELIX  
coupled 127-78  
applications, Bell System 154-67  
attenuator 165-67  
bifilar  
dispersion 146-48  
coupler  
stepped 158-59  
tapered 157-58  
dielectrics between, effect 148-50  
field equations 169-73  
fields 139-42, 144-46  
power transfer, maximum 151-52  
solutions, non-synchronous 137-39  
strength of coupling versus frequency 142-44  
transducer 161-65  
transmission line equations 133-37  
electron tube  
traveling wave  
M1789 1303-11
- HELIX TRANSDUCER *See* Transducer
- Helix Waveguide* (S. B. Morgan, J. A. Young) 1347-84
- Henning, H. A.  
biographical material 762  
*Laboratory Model Magnetic Drum Translator for Toll Switching Offices* 707-45
- Herbert, N. J.  
transistor  
point-contact  
surface effects 810
- HETERODYNE CONVERSION TRANSDUCER  
*See* Transducer
- High-Frequency Diffused Base Germanium Transistor* (C. A. Lee) 23-34



- Hines, M. E.  
electron beam formation, theory 375
- Hogg, David C.  
biographical material 986  
*Measurement of Atmospheric Attenuation at Millimeter Wavelengths* 907-16
- HOLDER  
rectifier  
wave  
millimeter 1385
- HOLE(s) *See* Electron(s) and Holes
- Howard, L. F.  
trunks  
intertoll  
testing  
automatic 954

## I

- IMPEDANCE  
helices, coupled  
modes 152-54
- IMPURITY  
semiconductors  
diffusion into 1-34
- INDIANAPOLIS WORKS (Western Electric)  
network  
425B  
testing  
automatic 1135-41
- INFORMATION  
storage  
drums, magnetic 707-45  
*See also* Digital Systems
- INFORMATION RATE  
interpretation  
new 917-26
- INSULATION *See* Dielectric(s)
- INTEGRATOR  
transistor 313-20
- INTERCONNECTING NETWORK *See* Network
- INTERFERENCE *See* Crosstalk: Noise
- INTERFERENCE MICROSCOPE *See* Microscope
- INTERMODULATION  
electron tube  
traveling wave  
M1789 1335-42

- Intertoll Trunk Net Loss Maintenance under Operator Distance and Direct Distance Dialing* (H. H. Felder, E. N. Little) 955-72

- ION(s)  
complex  
formation 557-65  
pairing 565-636  
calculations 578-82  
carrier  
mobility  
effect 601-07  
(by) diffusion 591-601  
energy levels 610-11  
relaxation time 582-91, 607-10  
semiconductors  
phenomena 575-78  
solubility, effect 613-17  
theories 567-75

- Irwin, J. C.  
electron tube  
traveling wave  
M1789 1343

- ISOLATOR  
field displacement 877-98  
illus 878, 890  
design 884-91

## J

- Jakes, William C., Jr.  
biographical material 1235  
*60-Foot Diameter Parabolic Antenna for Propagation Studies* 1199-1208
- Joel, Amos E., Jr.  
biographical material 532, 1235  
*Electronics in Telephone Switching Systems* 991-1018  
*Experimental Remote Controlled Line Concentrator* 249-93
- Johnston, R. L.  
rectifier  
junction  
p-n  
silicon  
development 684
- Jones, M. S.  
transistor  
point-contact  
surface effects 810

Jordan, D. R.  
electron tube  
traveling wave  
M1789 1343

## JUNCTION

NP 1241-42

PIN

bias

reversed

electrons and holes 1239-84

JUNCTION DIODE *See* Diode

JUNCTION SILICON DIODE *See* Diode

JUNCTION TETRODE TRANSISTOR *See*  
Transistor

JUNCTION TRANSISTOR *See* Transistor

## K

KEARNEY WORKS (Western Electric)

coil

relay

testing

automatic 1141-48

Kelly, John L., Jr.

biographical material 986

*New Interpretation of Information Rate*  
917-26

King, Archie P.

biographical material 986, 1235

*Observed 5-8mm Attenuation for the Cir-  
cular Electric Wave in Small and  
Medium-Sized Pipes* 1115-28

*Transmission Loss Due to Resonance of  
Loosely-Coupled Modes in a Multi-  
Mode System* 899-906

Kingsbury, B. A.

phase, tables

computation 749

Kleinman, David A.

biographical material 763

*Forward Characteristic of the PIN  
Diode* 685-706

Kleinman, D. A.

rectifier

junction

p-n

silicon

development 684

Kompfer, R.

biographical material 244

*Coupled Helices* 127-78

Kosten, L.

toll traffic study 431

## L

LABORATORIES *See* Bell Telephone  
Laboratories

*Laboratory Model Magnetic Drum Trans-  
lator for Toll Switching Offices* (F. J.  
Buhrendorf, H. A. Henning, O. J.  
Murphy) 707-45

Laico, Joseph P.

biographical material 1465

*Medium Power Traveling-Wave Tube  
for 6000-Mc Radio Relay* 1285  
1346

Lamont, J.

testing

automatic 1154

*Large-Signal Theory of Traveling-Wave  
Amplifiers* (P. K. Tien) 349-74

LATTICE

crystal

germanium

zone leveling 638

perfection

zone leveling 649-55

Leagus, Miss D. C.

amplifier, traveling wave

large signal theory 373

Lee, Charles A.

biographical material 245

*High-Frequency Diffused Base Ger-  
manium Transistor* 23-34

Lennon, Miss C. A.

toll traffic study 506

LEVELER *See* Zone Leveler

LIFE EXPECTANCY

electron tube

traveling wave

M1789 1342-43

rectifier

junction

p-n

silicon 680-83

reliability studies

experiment time

reduction, by statistical tech-  
niques 179-202

LINE(s), transmission *See* Transmis-  
sion Lines

- LINE CONCENTRATOR *See* Concentrator  
 Linvill, J. G.  
   biographical material 986  
   *Design of Tetrode Transistor Amplifiers*  
     813-40
- Little, Edward N.  
   biographical material 987  
   *Intertoll Trunk Net Loss Maintenance*  
     *under Operator Distance and Direct*  
     *Distance Dialing* 955-72
- LOCAL SWITCHING *See* Switching
- LONG DISTANCE TRAFFIC *See* Traffic:  
   toll
- M**
- M1789 ELECTRON TUBE *See* Electron  
   Tube: traveling wave
- McCluskey, E. J., Jr.  
   biographical material 1465  
   *Detection of Group Invariance or Total*  
     *Symmetry of a Boolean Function*  
       1445-53  
   *Minimization of Boolean Functions*  
     1417-44
- McDowell, Hunter L.  
   biographical material 1465  
   *Medium Power Traveling-Wave Tube*  
     *for 6000-Mc Radio Relay* 1285-1346
- McKim, B.  
   trunks  
     intertoll  
     testing  
       automatic 954
- MAGNETIC DRUM *See* Drum
- MAGNETIC DRUM TRANSLATOR *See*  
   Translator
- MAINTENANCE  
   switching systems 1014-16  
   trunks  
     intertoll  
     testing  
       automatic 927-54
- Maita, J. P.  
   semiconductors  
     defects  
       chemical interactions 613
- Marcatili, Enrique A. J.  
   biographical material 987
- Transmission Loss due to Resonance of*  
*Loosely-Coupled Modes in a Multi-*  
*Mode System* 899-906
- MATRIX  
   Boolean  
     transmission  
       invariance 1445-53  
       symmetry 1445-53
- Mead, Mrs. Sallie P.  
   toll traffic study 506
- Measurement of Atmospheric Attenua-*  
*tion at Millimeter Wavelengths* (A.  
 B. Crawford, D. C. Hogg) 907-16
- Medium Power Traveling-Wave Tube for*  
*6000-Mc Radio Relay* (J. P. Laico,  
 H. L. McDowell, C. R. Moster)  
 1285-1346
- Melroy, D. O.  
   electron tube  
     traveling wave  
       M1789 1343
- MELTING *See* Zone Melting
- MIAMI, FLORIDA  
   toll traffic map 439
- MICROSCOPE  
   interference  
     surface layers  
       measurement 1209-21
- MICROWAVE ANTENNA *See* Antenna
- MICROWAVE MODULATOR *See* Modu-  
   lator
- MICROWAVE PULSE *See* Pulse
- MICROWAVE PULSE REGENERATOR *See*  
   Regenerator
- MICROWAVE TRANSMISSION *See* Trans-  
   mission
- MICROWAVE TUBE *See* Electron Tube
- MILITARY APPLICATIONS  
   transistor  
     point-contact 768
- Miller, Lewis E.  
   biographical material 987  
   *Effect of Surface Treatments on Point-*  
     *Contact Transistors* 767-811
- Miller, S. E.  
   ferrite devices  
     nonreciprocal 877
- MILLIMETER WAVE *See* Wave
- MILLIMICROSECOND PULSE *See* Pulse

- Minimization of Boolean Functions* (E. J. McCluskey, Jr.) 1417-44
- MINNESOTA  
intertoll trunk groups, principal map 424
- MODE  
loosely-coupled  
  resonance  
    transmission  
      loss 899-906  
spurious  
  resonance 899-906
- MODULATION *See* Amplitude Modulation; Intermodulation; Phase Modulation
- MODULATOR  
microwave  
  noise temperature requirements 1404  
  rectifier  
    point contact 1403-16
- Molina, E. C.  
  toll traffic study 506
- Moll, J. L.  
  rectifier  
    junction  
      p-n  
      silicon  
        development 684
- MONOGRAPHS, recent, of Bell System  
  Technical Papers not published in this Journal 242-43, 527-30, 759-61, 979-84, 1230-32, 1461-64
- Moore, H. R.  
  rectifier  
    junction  
      p-n  
      silicon  
        development 684
- Morgan, S. O.  
  semiconductor studies i
- Morgan, Samuel P.  
  biographical material 1465  
  *Helix Waveguide* 1347-84
- Morin, F. J.  
  biographical material 763  
  *Chemical Interactions among Defects in Germanium and Silicon* 535-636
- Moster, Clarence R.  
  biographical material 1467
- Medium Power Traveling-Wave Tube for 6000-Mc Radio Relay* 1285-1346
- MULTI-MODE TRANSMISSION SYSTEM.  
  *See* Transmission Systems
- Murphy, O. J.  
  biographical material 763  
  *Laboratory Model Magnetic Drum Translator for Toll Switching Offices* 707-45
- N
- No. 4 CROSSBAR SYSTEM *See* Crossbar System
- No. 4A TOLL SWITCHING SYSTEM *See* Switching Systems
- No. 5 CROSSBAR SYSTEM *See* Crossbar Systems
- No. 56A OSCILLATOR *See* Oscillator
- No. 425B NETWORK *See* Network
- NP JUNCTION *See* Junction
- N-P-N TRANSISTOR *See* Transistor; junction
- NATIONWIDE DIALING *See* Dial Telephone
- NATIONWIDE SWITCHING *See* Switching
- Nature of Power Saturation in Traveling Wave Tubes* (C. C. Cutler) 841-76
- Neely, T. H.  
  trunks  
    intertoll  
      testing  
        automatic 954
- NEGATIVE FEEDBACK AMPLIFIER *See* Amplifier
- NETWORK  
  425B  
    testing  
      automatic 1135-41  
  interconnecting  
    switching systems 994-98  
  resistance-capacitance  
    testing  
      machine  
        automatic 1179-98
- New Interpretation of Information Rate* (J. L. Kelly, Jr.) 917-26
- NEW YORK CITY  
  toll traffic graph 431

## NEWARK, NEW JERSEY

toll traffic *graph* 429

## NOBEL PRIZE IN PHYSICS

awards

1937

Davisson, Clinton J. i, iii

Thompson, G. P. iii

1956

Bardeen, John i-iv

Brattain, Walter H. i-iv

Shockley, William i-iv

## NOISE

electron tube

traveling wave

M1789 1328-35

modulator

microwave

temperature requirements 1404

NONLINEAR ADMITTANCE *See* AdmittanceNONLINEAR CAPACITOR *See* CapacitorNONRECIPROCAL FERRITE DEVICE *See* IsolatorNUMBER 4 CROSSBAR SYSTEM *See* Crossbar SystemNUMBER 4A TOLL SWITCHING SYSTEM *See* Switching SystemsNUMBER 5 CROSSBAR SYSTEM *See* Crossbar SystemNUMBER 56A OSCILLATOR *See* OscillatorNUMBER 425B NETWORK *See* Network

Nyquist, H.

toll traffic study 506

## O

*Observed 5-6mm Attenuation for the Circular Electric Wave in Small and Medium-Sized Pipes* (A. P. King) 1115-28

OFFICE *See* Central office

Ohl, R. S.

frequency conversion 1416

rectifier

wave

millimeter

wafer-type 1397

semiconductor studies i

OHMIC RESISTANCE *See* Resistance

Olsen, K. M.

zone leveler, design 655

Olson, E. G.

electron tube

traveling wave

M1789 1343

OPEN-WIRE LINES *See* Transmission Lines

OPERATE SPEED

drum, magnetic 707

electronics 993

relays 995

OPERATING COMPANIES

functions, primary 422-23

OPERATOR DISTANCE DIALING *See* Dial Telephone

OSCILLATOR

56A

film scales

calibration 1148-54

OUTSIDE PLANT DEPARTMENT

costs 249

concentrator

line

remote controlled

economy 249-93

## P

PIN DIODE *See* Diode: junction: silicon: diffusedPIN JUNCTION *See* JunctionPM *See* Phase ModulationP-N-P TRANSISTOR *See* Transistor: junction

PAIRING

ions 565-636

calculations 578-82

carrier

mobility

effect 601-07

(by) diffusion 591-601

energy levels 610-11

relaxation time 582-91, 607-10

semiconductors

phenomena 575-78

solubility, effect 613-17

theories 567-75

PARABOLIC ANTENNA *See* Antenna



## PARAMETER

- design
  - transistor
    - junction
      - n-p-n
        - silicon
          - base, diffused
            - calculation 14-21
          - emitter, diffused
            - calculation 14-21
    - rectifier, millimeter wave
      - wafer-type 1397-1402
    - transistor
      - amplifier
        - performance, relation 815-26
- Pascarella, A. J.
  - Automatic Testing of Transmission and Operational Functions of Intertoll Trunks* 927-54
  - biographical material 988
- PHASE MODULATION
  - electron tube
    - traveling wave
      - M1789 1321-22
- PHOTOCONDUCTIVITY
  - germanium
    - etched
      - measurements
        - combined 1019-40
- PHOTO-VOLTAGE
  - surface
    - germanium
      - etched
        - measurements
          - combined 1019-40
- PHYSICS PRIZE *See* Nobel Prize in Physics
- Pierce, John R.
  - amplifier, traveling wave
    - large signal theory 373
  - biographical material 245
  - Growing Waves due to Transverse Velocities* 109-25
- PIERCE-TYPE ELECTRON GUN *See* Electron Gun
- Pietruszkiewicz, A. J., Jr.
  - semiconductors
    - defects
      - chemical interactions 613

- PIPE *See* Waveguide
- PLANT *See* Outside Plant Department
- PLATING *See* Electroplating
- POINT CONTACT RECTIFIER *See* Rectifier
- POINT CONTACT TRANSISTOR *See* Transistor
- POWER SUPPLY
  - concentrator, line, remote controlled, experimental 269-70
- Prince, M. B.
  - biographical material 764
  - Diffused p-n Junction Silicon Rectifiers* 661-84
  - diode
    - PIN 706
- PRIZE *See* Nobel Prize in Physics
  - transmission
    - rate 917-26
- PROPAGATION
  - waveguide, helix 1355-58
- PULSE
  - microwave
    - binary
      - regeneration 67-90
      - testing 69-73
    - millimicrosecond
      - antenna 45-48
      - generation 36-41
      - waveguide
        - dominant mode
          - testing 35-65
          - apparatus 36-43
    - regenerative
      - generator, *see* Generator
- PULSE REGENERATOR *See* Regenerator
- PULSE TRANSMISSION *See* Transmission

## Q

- Quate, C. F.
  - biographical material 245
  - Coupled Helices* 127-78

## R

- Rack, A. J.
  - regenerator
    - pulse
      - binary
        - transistor 1084

## RADAR

frequency-modulation  
attenuation  
atmospheric  
wavelengths  
millimeter  
measurement 907-16

## RADIO

propagation  
beyond-the-horizon  
antenna  
parabolic  
60-foot diameter 1199-1208;  
*illus*  
relay systems  
6000 mc  
electron tube  
traveling wave  
M1789 1285-1346

RADIO DETECTION AND RANGING *See*

Radar

## Raisbeck, Gordon

regenerator  
pulse  
binary  
transistor 1084

RATE *See* Information Rate

## Read, W. T., Jr.

biographical material 1466  
*Theory of Swept Intrinsic Structure*  
1239-84

## READING

magnetic drum 713-16

## RECTIFIER

characteristics, ideal 662-63  
*graph* 662  
copper oxide  
introduction 661  
development  
problems 662-63  
diode  
junction  
p-n  
silicon  
diffused 681-83  
silicon  
diffused 661-84; *illus* 671  
design 678-80  
electrical characteristics 671-78

fabrication 670-71  
life expectancy 680-83  
reliability 680-83

## point-contact

wafer-type  
silicon

## waves

millimeter 1385-1402

## selenium

introduction 661

## semiconductor

characteristics, ideal 662-63  
*graph* 662

## series resistance

control  
conductivity  
modulation 666-70

## wave

## millimeter

wafer-type 1385-1402  
converter *illus* 1390, 1391, 1396  
description 1386-91  
parameters 1397-1402  
performance 1391-94  
wave-wafer unit *illus* 1386

## Reed, E. F.

electron tube  
traveling wave  
M1789 1343

## Reed, S. E.

rectifier  
wave  
millimeter

waver-type 1397

REED SWITCH RELAY *See* RelayREFINING *See* Zone RefiningREGENERATIVE PULSE GENERATOR *See*

Generator

REGENERATIVE REPEATER *See* Re-

peater

## REGENERATOR

pulse  
binary  
transistorized 1059-84  
microwave 73-82  
description 83-89  
signal  
binary  
transistorized 1059-84

- Reiss, Howard  
 biographical material 764  
*Chemical Interactions among Defects in Germanium and Silicon* 535-636
- RELAXATION TIME  
 ions  
   pairing 582-91, 607-10
- RELAY  
 design 991  
 U-type  
   coils  
     testing  
       automatic 1141-48  
 UA-type  
   coils  
     testing  
       automatic 1141-48  
 Y-type  
   coils  
     testing  
       automatic 1141-48  
 reed switch *illus* 253  
 concentrator  
   line  
     remote controlled 252-53  
 speed 995
- RELAY, Radio *See* Radio: relay systems
- RELIABILITY  
 amplifier  
   pulse  
     regenerative  
       transistorized 1085-86  
 Bell System standards 708  
 rectifier  
   junction  
     p-n  
       silicon 680-83  
 switching systems  
   electronic 1016  
 transistor 295, 1085  
   point-contact 768
- RELIABILITY STUDIES  
 experiment time, reduction  
   statistical methods 179-202
- Rentrop, Esther M.  
 biographical material 532  
*Crosstalk on Open-Wire Lines* 515-18
- REPEATER  
 delay distortion  
   phase, tables  
   tabulation 747-49  
 regenerative  
   block diagram 68
- RESISTANCE  
 ohmic  
   diodes 685
- RESISTANCE-CAPACITANCE NETWORK  
*See* Network
- RESONANCE  
 modes  
   loosely-coupled 899-906  
   spurious 899-906
- Richardson, P. H.  
 phase, tables  
   computation 749
- Riley, J. F.  
 electron tube  
   traveling wave  
     M1789 1343
- Riordan, J.  
 toll traffic study 507
- Robb, D. T.  
*Automatic Testing in Telephone Manufacture* 1129-54  
 biographical material 1236
- Rosenfeld, Jack L.  
 biographical material 532  
*Detailed Analysis of Beam Formation with Electron Guns of the Pierce Type* 375-420
- Ross, I. M.  
 diode  
   PIN 706  
 rectifier  
   junction  
     p-n  
       silicon  
         development 684
- ROUND WAVEGUIDE *See* Waveguide
- ROUTING  
 alternate  
   toll  
     administration 441-42  
     economics 437-41  
     engineering 441-42  
     methods, practical 487-505  
 dialing, nationwide 97-99  
 map, 1965, 96

- Rowe, H. E.  
frequency conversion 1416
- RUGGEDNESS  
Bell System standards 708  
transistor  
point-contact 768
- Rulison, R.  
rectifier  
junction  
p-n  
silicon  
development 684

## S

- Saloom, Joseph A., Jr.  
biographical material 532
- Saloom, J. A.  
*Detailed Analysis of Beam Formation with Electron Guns of the Pierce Type* 375-420
- Saloom, J. A.  
electron tube  
traveling wave  
M1789 1343
- Sandsmark, P. I.  
electron tube  
traveling wave  
M1789 1343
- Sansalone, F. J.  
isolator  
field displacement 896
- Sawyer, Baldwin  
biographical material 764  
*Single Crystals of Exceptional Perfection and Uniformity by Zone Leveling* 637-60
- Scaff, J. H.  
semiconductor studies i
- Scattaglia, J. V.  
regenerator  
pulse  
binary  
transistor 1084
- Scheideler, C. E.  
amplifier  
transistor  
junction  
tetrode 840
- Schimpf, L. G.  
biographical material 988  
*Design of Tetrode Transistor Amplifiers* 813-40
- Schramm, F. W.  
testing  
automatic 1154
- Seidel, Harold  
biographical material 988  
*Field Displacement Isolator* 877-98
- SELENIUM RECTIFIER *See* Rectifier
- SEMICONDUCTOR(S), SEMICONDUCTING MATERIALS  
aqueous solutions, analogy 537  
impurities  
diffusion into 1-34  
ions  
pairing  
phenomena 575-78  
leveling, *see* Zone Leveling  
Nobel Prize in Physics, 1956 i-iv  
regions  
extrinsic 1239-84  
intrinsic 1239-84  
shaping  
electrolytic 333-47  
mechanical 333  
structure  
swept intrinsic  
theory 1239-84  
surface  
layers  
measurement 1209-21  
traps  
cross sections 1041-58  
distribution 1041-58  
zone leveling, *see* Zone Leveling  
*See also* Crystal; Diode; Junction
- SEMICONDUCTOR RECTIFIER *See* Rectifier
- SERIES RESISTANCE RECTIFIER *See* Rectifier
- SERVICE MAINTENANCE *See* Maintenance
- Shannon, C. E.  
information rate  
interpretation 926
- SHAPING  
electrolytic

- crystal
  - germanium 333-47
  - silicon 333-47
  - semiconductors 333-47
- Sharpless, William M.
  - biographical material 1466
  - Wafer-Type Millimeter Wave Rectifiers* 1385-1402
- Shillington, Harry R.
  - Automatic Machine for Testing Capacitors and Resistance-Capacitance Networks* 1179-98
  - biographical material 1236
- Shockley, William illu ii
  - biographical material iv
  - Nobel Prize in Physics, 1956 i-iv
- Shoffstall, H. F.
  - Automatic Testing of Transmission and Operational Functions of Interroll Trunks* 927-54
  - biographical material 988
- SIGNAL
  - binary
    - amplification
      - transistorized 1059-84
    - regeneration
      - transistorized 1059-84
- SIGNALING ALPHABET *See* Alphabet
- SILICON
  - crystal, *see* Crystal
  - defects
    - interactions, chemical 535-636
- SILICON DIODE *See* Diode
- SILICON N-P-N TRANSISTOR *See* Transistor
- SILICON RECTIFIER *See* Rectifier
- Single Crystals of Exceptional Perfection and Uniformity by Zone Leveling* (D. C. Bennett, B. Sawyer) 637-60
- 60-Foot Diameter Parabolic Antenna for Propagation Studies* (A. B. Crawford, H. T. Friis, W. C. Jakes, Jr.) 1199-1208
- Slepian, David
  - biographical material 245
  - Class of Binary Signaling Alphabets* 203-34
- Smith, K. D.
  - rectifier
    - junction
- p-n
  - silicon
    - development 684
- Smith, S. V.
  - testing machines 1198
- Smits, Friedolf M.
  - biographical material 1236
  - Use of an Interference Microscope for Measurement of Extremely Thin Surface Layers* 1209-21
- Sobel, Milton
  - biographical material 246
  - Statistical Techniques for Reducing the Experimental Time in Reliability Studies* 179-202
- SOLUTION *See* Aqueous Solutions
- SPEED *See* Operate Speed
- SPENT BEAM *See* Electron Beam
- SPURIOUS MODES *See* Mode
- STATISTICAL METHODS
  - reliability studies
    - experiment time, reduction 179-202
  - Statistical Techniques for Reducing the Experiment Time in Reliability Studies* (M. Sobel) 179-202
- STEPPED COUPLER *See* Coupler
- Stiles, G. J.
  - electron tube
    - traveling wave
      - power saturation 867
- STORAGE SYSTEMS *See* Digital Systems
- SUMMING AMPLIFIER *See* Amplifier
- SURFACE
  - semiconductor
    - layers
      - measurement 1209-21
    - transistor
      - point-contact
        - treatments
          - effects 767-811
- SURFACE PHOTO-VOLTAGE *See* Photo-Voltage
- Swenson, R. C.
  - rectifier
    - junction
      - p-n
        - silicon
          - development 684
- SWEPT INTRINSIC STRUCTURE *See* Semiconductor(s); structure



## SWITCH

- waveguide
  - structure *illus* 1121

## SWITCHING

- background 991
- concentrator
  - line
    - remote controlled
      - economy 249-93
- knowledge 991
- local
  - crossbar tandem
    - application 91-93
  - nationwide
    - crossbar tandem
      - application 94-97
- toll
  - translator
    - card 716-19
    - magnetic drum 707-45

## SWITCHING SYSTEMS

- 4A toll
    - translation
      - card 716-19
      - magnetic drum 708-45
  - concentration 249
  - control 998-1012
  - defined 993
  - design
    - electronics in 991-1018
  - electronic
    - reliability 1016
  - electronics in 991-1018
  - equipment concepts 1012-14
  - interconnecting network 994-98
  - long distance
    - crossbar tandem as 91-108
  - maintenance 1014-16
  - See also* Crossbar Systems
- SYRACUSE, NEW YORK
- toll traffic map 439

## T

- TWT *See* Electron Tube: traveling wave
- Tables of Phase of a Semi-Infinite Unit Attenuation Slope* (D. E. Thomas) 747-49
- TANDEM CROSSBAR *See* Crossbar Systems

## Tannenbaum, Morris

- biographical material 246
- Diffused Emitter and Base Silicon Transistors* 1-22

TAPE-O-MATIC TEST SET *See* Test SetTAPERED COUPLER *See* Coupler

- TECHNICAL PAPERS, Bell System, not published in this Journal 235-41, 519-26, 751-58, 973-78, 1223-29, 1454-60

TELEPHONE *See* Dial Telephone

## TEMPERATURE

- diode
  - junction
    - germanium 661
    - silicon alloy 661

## modulator

- microwave
  - noise 1404

## Tendick, Frank H., Jr.

- biographical material 1236
- Transistor Pulse Regenerative Amplifiers* 1085-1114

## TEST(s), TESTING

- antenna
  - microwave
    - pulses, millimicrosecond 45-48
- circuits
  - relay
    - switching
      - automatic 1155-78

## crystal

- germanium 642-43
- defined 1129-30
- dial telephone
  - (in) manufacture
    - automatic 1129-54

## electron tube

- traveling wave
  - M1789 1342-43

## manual

- cost 1129-54

## network

- 425B
  - automatic 1135-41

## oscillator

- 56A
  - film scales
    - calibration 1148-54

- pulse
  - microwave
    - binary
      - regeneration 69-73
- rectifier
  - diode
    - junction
      - p-n
        - silicon 681-83
- relay
  - U-type
    - automatic 1141-48
  - UA-type
    - automatic 1141-48
  - Y-type
    - automatic 1141-48
- reliability studies
  - experiment time
    - reduction, by statistical techniques 179-202
- translator
  - magnetic drum 744-45
- trunks
  - intertoll
    - automatic
      - operation 927-54
        - equipment 929-34; *illus* 933
        - scheme, basic 937-52
      - transmission 927-54
        - equipment 929-34; *illus* 933
        - scheme, basic 937-52
- waveguide
  - dominant mode
    - pulses, millimicrosecond 35-65
    - apparatus 36-43
- See also* Life expectancy; Reliability; Ruggedness
- TEST SET
  - card-o-matic
    - relay circuits 1155-78
  - tape-o-matic
    - relay circuits 1155-78
- TEST MACHINES
  - capacitors 1179-98
  - development 1129-35
  - networks
    - resistance-capacitance 1179-98
  - requirements 1132-33
- TETRODE TRANSISTOR *See* Transistor: junction
- Thaeler, Charles S.
  - biographical material 533
  - Crosstalk on Open-Wire Lines* 515-18
  - Theories for Toll Traffic Engineering in the U. S. A.* (R. I. Wilkinson) 421-514
  - Theory of Swept Intrinsic Structure* (W. T. Read, Jr.) 1239-84
- Theurer, H. C.
  - semiconductor studies i
- Thomas, Donald E.
  - biographical material 246, 765
  - Diffused Emitter and Base Silicon Transistors* 1-22
  - Tables of Phase of a Semi-Infinite Unit Attenuation Slope* 747-49
- Thomas, L. C.
  - amplifier
    - pulse
      - regenerative
        - transistor 1114
- Thompson, G. P.
  - Nobel Prize in Physics, 1937 iii
- Tien, Ping King
  - biographical material 533
  - Large-Signal Theory of Traveling-Wave Amplifiers* 349-74
- TOLL ALTERNATE ROUTING *See* Routing
- TOLL SWITCHING *See* Switching
- TOLL TRAFFIC *See* Traffic
- TRAFFIC
  - concentrator
    - line
      - remote controlled 249-93
    - routing, *see* Routing
  - toll
    - Clos, C., study 431, 470
    - engineering
      - United States 421-514
    - expansion 423
    - Kosten, L., study 431
    - overflow
      - moments 507-11
      - peakedness 443-46; *graph* 444
    - Wyckoff, Miss E. V., study 445
    - trunking 421-514
- TRANSATLANTIC TELEPHONE CABLE
  - repeaters
    - delay distortion
      - phase, tables
        - tabulation 747-49

## TRANSDUCER

- helix
  - coupled 161-65
- heterodyne conversion
  - nonlinear element
    - admittance 1403-16
    - gain 1403-16

## TRANSISTOR

- base, *see* Base
- contacts, *see* Contact
- high-frequency operation
  - base layers, thin 1
- junction
  - alloy
    - germanium
      - concentrator, line
        - remote controlled 253
      - temperature, effect 253
- analog systems, applications 295-332
- digital systems, applications 295-332
- n-p-n
  - silicon
    - base, diffused 1-22
    - design 14-21
    - electrical characteristics 6-10
    - fabrication 2-6
    - parameters, design 14-21
    - structure 10-14
    - emitter, diffused 1-22
    - design 14-21
    - electrical characteristics 6-10
    - fabrication 2-6
    - parameters, design 14-21
    - structure 10-14
- p-n-p
  - germanium
    - base, diffused 23-34
    - electrical characteristics 26-33
    - fabrication 23-24
    - physical characteristics 24-26
  - properties 295
  - parameter, *see* Parameter

## point-contact

- applications 768
  - characteristics
    - surface treatments
      - effect 767-811
  - demand 768
  - dependability 768
  - design 769
  - electrical characteristics 768
  - knowledge
    - empirical 769
    - military applications 768
    - physical properties 769-811
  - processing
    - surface effects 767-811
  - reliability 768
  - ruggedness 768
  - power consumption 295, 1085
  - reliability 295, 1085
  - size 295, 1085
  - surface, *see* Surface
- TRANSISTOR AMPLIFIER *See* Amplifier  
*Transistor Circuits for Analog and Digital Systems* (F. H. Blecher) 295-332
- TRANSISTOR INTEGRATOR *See* Integrator  
*Transistor Pulse Regenerative Amplifiers* (F. H. Tendick, Jr.) 1085-1114
- TRANSISTOR VOLTAGE ENCODER *See* Encoder  
*Transistorized Binary Pulse Regenerator* (L. R. Wrathall) 1059-84
- TRANSLATOR
- card
    - 4A *illus* 1006
    - magnetic drum alternative 707, 709
  - magnetic drum *illus* 710
    - administration equipment 741-44; *illus* 740
    - block diagram 742
    - block diagram 720-21
    - card translator
      - alternative 707, 709
    - circuit design 725-41
    - equipment 725-41
    - functions 719-25
    - interchangability 719
    - switching
      - toll 707-45
    - testing program 744-45

## TRANSMISSION

- data, *see* Digital Systems
- digital
  - history 1059-84
- loss
  - resonance
    - modes
      - loosely-coupled 899-906
- trunk
  - intertoll 955
    - dialing
      - direct distance 955-72
      - operator distance 955-72
- microwave
  - pulse, binary
    - advantages 67-68
    - regeneration 67-90
- rate 917
- routing, *see* Routing
- trunks
  - intertoll
    - testing
      - automatic 927-54

*See also* Information Rate

## TRANSMISSION LINES

- concentrator, *see* Concentrator
- dispersion
  - helix, bifilar 146-48
- helices, coupled
  - equations 133-37
- open-wire
  - crosstalk 515-18
  - transpositions 515-18

*Transmission Loss due to Resonance of Loosely-Coupled Modes in a Multi-Mode System* (A. P. King, E. A. J. Marcantili) 899-906

## TRANSMISSION SYSTEMS

- multimode
  - loss
    - modes
      - loosely-coupled 899-906

## TRANSPPOSITION

- transmission lines
  - open-wire 515-18

TRAVELING-WAVE TUBE *See* Electron Tube

## TRUNK(S), TRUNKING

- intertoll

- Bell System statistics 423
- loss
  - net
    - maintenance
      - dialing
        - direct distance 955-72
        - operator distance 955-72
- operation
  - testing
    - automatic 927-54
- transmission
  - testing
    - automatic 937-54
- routing, alternate 437-42
- traffic engineering 421-514
- TUBE, Electronic *See* Electron Tube
- TYPE M1789 ELECTRON TUBE *See* Electron Tube: traveling wave

## U

- Uhler, Arthur, Jr.
  - biographical material 533
  - Electrolytic Shaping of Germanium and Silicon* 333-47
- UNITED STATES
  - telephone statistics 423
- Use of an Interference Microscope for Measurement of Extremely Thin Surface Layers* (W. L. Bond, F. M. Smits) 1209-21

## V

- VACUUM TUBE *See* Electron Tube
- VOLTAGE
  - breakdown
    - diodes 685
  - photo, *see* Photo-Voltage
- VOLTAGE COMPARATOR *See* Comparator
- VOLTAGE ENCODER *See* Encoder
- Voss, R. G.
  - electron tube
    - traveling wave
      - M1789 1343

## W

- Wafer-Type Millimeter Wave Rectifiers* (W. M. Sharpless) 1385-1402

- Walker, Laurence R.  
 amplifier, traveling wave  
   large signal theory 373  
 biographical material 247  
*Growing Waves due to Transverse Velocities* 109-25
- Wallace, R. L., Jr.  
 amplifier  
   transistor  
   junction  
   tetrode 840
- WAVE  
 backward  
   amplifier, traveling wave 351-55  
 circular  
   attenuation  
     5-6mm  
     pipes  
       medium-sized 1115-28  
     small 1115-28  
 forward  
   amplifier, traveling wave 351-55  
 millimeter  
   rectifier  
     point-contact  
     wafer-type 1385-1402  
 slow  
   propagation  
     electron flow 109-25
- WAVE COUPLER *See* Coupler
- WAVE RECTIFIER *See* Rectifier
- WAVEGUIDE  
 coupler, *see* Coupler  
 dominant mode  
   testing  
     pulses  
       millimicrosecond 35-65  
       apparatus 36-43  
 helix 1347-84  
   attenuation 1358  
   boundary value problem 1351-55  
   composition 1347-84  
   equation 1381-84  
   formation 1348-50  
   propagation constants 1355-58  
   helices  
     zero-pitch 1358-78  
 mode, *see* Mode
- round  
 attenuation  
   5-6mm 1115-28  
 medium-sized  
   wave  
     circular  
       attenuation  
         5-6mm 115-28  
 small  
   wave  
     circular  
       attenuation  
         5-6mm 115-28  
 switch, *see* Switch  
 transmission, *see* Transmission
- Waveguide Investigations with Millimicrosecond Pulses* (A. C. Beck) 35-65
- Weeks, G. E.  
 testing machines 1198
- Weisbaum, S.  
 biographical material 989  
*Field Displacement Isolator* 877-98
- Weiss, M. T.  
 ferrite devices  
   nonreciprocal 877
- Weiss, Miss R. A.  
 phase, tables  
 tabulation 749
- WESTERN ELECTRIC  
 test machines 1129-54  
 testing  
   automatic  
   facilities 1154
- Whitacre, W. E.  
 wave  
   electric  
   circular  
     attenuation 1128
- Wilkinson, Roger I.  
 biographical material 533  
*Theories for Toll Traffic Engineering in the U. S. A.* 421-514
- WIRE CENTER  
 defined 250
- WISCONSIN  
 intertoll trunk groups, principal  
   map 424



Wolfertz, W. F.

  amplifier  
    transistor  
    junction  
    tetrode 840

Wolontis, V. M.

  amplifier, traveling wave  
  large signal theory 373

Wrathall, Leishman R.

  biographical material 1237  
  *Transistorized Binary Pulse Regener-*  
  *ator* 1059-84

WRITING

  magnetic drum 712-13

Wyckoff, Miss E. V.

  toll traffic study 445

## Y

Young, James A., Jr.

  biographical material 1466  
  *Helix Waveguide* 1347-84

## Z

ZONE LEVELER *illus* 656

ZONE LEVELING

  germanium

    apparatus 655-60 *illus* 656

    technique 655-60

  principles, basic 638-41

ZONE MELTING

  defined 637

ZONE REFINING

  germanium 637